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Ser. No. 09/989,291

**AMENDMENTS TO THE CLAIMS:**

Please replace the claims with the claims provided in the listing below wherein status, amendments, additions and cancellations are indicated.

1-14. (Canceled)

15. (Currently Amended) A system for remote controlling comprising:

a controlled device;

a remote control for remotely controlling said controlled device;

said remote controller comprising:

a transmitter;

a user input unit for accepting user input;

a data generator, responsive to said user input unit, for generating a data set having a predefined structure and driving said transmitter to transmit said data set, said data set including:

identification data for relating said transmitter to said controlled device, said identification data including:

transmitter specifying data at a first data set position of said predefined structure, for identifying

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said transmitter from among a plurality of transmitters; and

controlled device specifying data at a second [[at]] data set position of said predefined structure, for identifying said controlled device from among a plurality of controlled devices;

operation control data for controlling operations of said controlled device in conjunction with said controlled device specifying data at said second data set position corresponding to stored identification data in said controlled device; and

discrimination data for discriminating whether said controlled device specifying data at said second data set position enables control by said operation control data or replaces said stored identification data; and

said data generator independently changing each of said transmitter specifying data and said controlled device specifying

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data, included in said identification data, in accordance with operation of said input unit by the user; and

said controlled device comprising:

a receiver for receiving said data set transmitted by said transmitter;

a data storage containing stored identification data assigned to said controlled device;

a first discriminator for discriminating whether said discrimination data of said data set received relates to operation control data or changing said stored identification data;

a second discriminator for comparing said identification data included at said first and second data set positions in said data set received with said stored identification data and determining that identification correspondence exists when said identification data of said data set received and said stored identification data correspond;

a controller for executing operation control of said controlled device in accordance with said operation control data of said data set received in response to:

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said first discriminator determining that said discrimination data of said data set received relates to operation control data; and

said second discriminator determining that identification correspondence exists; and

an identification changer for replacing said stored identification data with said identification data of said data set received in response to said first discriminator determining that said discrimination data of said data set received relates to changing said stored identification data.

16. (Previously Presented) The system of claim 15 wherein:

said user input unit includes an identification rewrite input for setting by the user;

said data generator generates a rewrite designation code as said discrimination data in response to said identification rewrite input being set by the user; and

said first discriminator determines that said discrimination data relates to changing said stored identification data when said discrimination data corresponds to said rewrite designation code.

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17. (Previously Presented) The system of claim 16 wherein:

said user input unit includes a controlled object identification input for setting by the user; and

said data generator generates said controlled device specifying data in accordance with said controlled object identification input.

18. (Previously Presented) The system of claim 17 wherein:

said user input unit includes a transmitter identification input for setting by the user; and

said data generator generates said transmitter specifying data in accordance with said transmitter identification input.

19. (Previously Presented) The system of claim 18 wherein:

said user input unit includes operation control inputs for setting by the user; and

said data generator generates said operation control data at a third data set position of said predefined structure in accordance with said operation control inputs.

20. (Previously Presented) The system of claim 19 further comprising a

shielded housing for enclosing said controlled object and transmitting said data set

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to said controlled object with said discrimination data of said data set relating to changing said stored identification data such that transmission of said data set is restricted to said shield housing so that other controlled objects do not have stored identification data replaced with said identification data of said data set.

21. (Previously Presented) The system of claim 20 wherein said transmitter includes:

a first transmitter for transmitting said data set with said discrimination data relating to changing said stored identification data into said shielded housing; and

a second transmitter for transmitting said data set without said discrimination data relating to changing the stored identification data outside said shielded housing.

22. (Previously Presented) The system of claim 15 further comprising a shielded housing for enclosing said controlled object and transmitting said data set to said controlled object with said discrimination data of the data set relating to changing the stored identification data such that transmission of said data set is restricted to said shield housing so that other controlled objects do not have stored identification data replaced with the identification data of the data set.

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23. (Previously Presented) The system of claim 22 wherein said transmitter includes:

a first transmitter for transmitting said data set with said discrimination data relating to changing the stored identification data into said shielded housing; and  
a second transmitter for transmitting said data set without said discrimination data relating to changing the stored identification data outside said shielded housing.

24. (Currently Amended) A remote control for remotely controlling a controlled device, comprising:

a transmitter;  
a user input unit for accepting user input;  
a data generator, responsive to said user input unit, for generating a data set having a predefined structure and driving said transmitter to transmit said data set, said data set including:

identification data for relating the transmitter to said controlled device, said identification data including:

transmitter specifying data at  
a first data set position of said  
predefined structure, for identifying  
said transmitter from among a  
plurality of transmitters; and

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controlled device specifying  
data at a second [[at]] data set position  
of said predefined structure, for  
identifying said controlled device from  
among a plurality of controlled  
devices;

operation control data for controlling operations of said controlled  
device in conjunction with said controlled device specifying data at said  
second data set position corresponding to stored identification data in said  
controlled device; and

discrimination data for discriminating whether said controlled device  
specifying data at said second data set position enables control by said  
operation control data or replaces said stored identification data; and

said data generator independently changing each of said transmitter specifying  
data and said controlled device specifying data, included in said identification data,  
in accordance with operation of said input unit by the user.

25. (Previously Presented) The remote control of claim 24 wherein:

said user input unit includes an identification rewrite input for setting by the  
user;



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said data generator generates a rewrite designation code as said discrimination data in response to said identification rewrite input being set by the user; and

said first discriminator determines that said discrimination data relates to changing said stored identification data when said discrimination data corresponds to said rewrite designation code.

26. (Previously Presented) The remote control of claim 25 wherein:

said user input unit includes a controlled object identification input for setting by the user; and

said data generator generates said controlled device specifying data in accordance with said controlled object identification input.

27. (Previously Presented) The remote control of claim 26 wherein:

said user input unit includes a transmitter identification input for setting by the user; and

said data generator generates said transmitter specifying data in accordance with said transmitter identification input.

28. (Previously Presented) The remote control of claim 27 wherein:

said user input unit includes operation control inputs for setting by the user; and

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said data generator generates said operation control data at a third data set position of said predefined structure in accordance with said operation control inputs.

29. (Previously Presented) The remote control of claim 28 further comprising a shielded housing for enclosing said controlled object and transmitting said data set to said controlled object with said discrimination data of said data set relating to changing said stored identification data such that transmission of said data set is restricted to said shield housing so that other controlled objects do not have stored identification data replaced with said identification data of said data set.

30. (Previously Presented) The remote control of claim 29 wherein said transmitter includes:

a first transmitter for transmitting said data set with said discrimination data relating to changing said stored identification data into said shielded housing; and

a second transmitter for transmitting said data set without said discrimination data relating to changing said stored identification data outside said shielded housing.

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31. (Previously Presented) The remote control of claim 24 further comprising a shielded housing for enclosing said controlled object and transmitting said data set to said controlled object with said discrimination data of said data set relating to changing said stored identification data such that transmission of said data set is restricted to said shield housing so that other controlled objects do not have stored identification data replaced with said identification data of said data set.

32. (Previously Presented) The remote control of claim 31 wherein said transmitter includes:

a first transmitter for transmitting said data set with said discrimination data relating to changing said stored identification data into said shielded housing; and

a second transmitter for transmitting said data set without said discrimination data relating to changing said stored identification data outside said shielded housing.

33. (Currently Amended) A controlled device which is remotely controlled by a remote controller having a transmitter, comprising:

a receiver for receiving a data set transmitted by said transmitter of said remote controller, said data set having a predefined structure, said data set including:

identification data for relating the transmitter to said controlled device, said identification data including:

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transmitter specifying data at a first data set position of said predefined structure, for identifying said transmitter from among a plurality of transmitters; and

controlled device specifying data at a second [[at]] data set position of said predefined structure, for identifying said controlled device from among a plurality of controlled devices;

operation control data for controlling operations of said controlled device in conjunction with said controlled device specifying data at said second data set position corresponding to stored identification data in said controlled device; and

discrimination data for discriminating whether said controlled device specifying data at said second data set position enables control by said operation control data or replaces said stored identification data;

a data storage containing stored identification data assigned to said controlled device;

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a first discriminator for discriminating whether said discrimination data of said data set received relates to operation control data or changing said stored identification data;

a second discriminator for comparing said identification data included at said first and second data set positions in said data set received with said stored identification data and determining that identification correspondence exists when said identification data of said data set received and said stored identification data correspond;

a controller for executing operation control of said controlled device in accordance with said operation control data of said data set received in response to:

said first discriminator determining that said discrimination data of said data set received relates to operation control data; and

said second discriminator determining that identification correspondence exists; and

an identification changer for replacing said stored identification data with said identification data of said data set received in response to said first discriminator determining that said discrimination data of said data set received relates to changing said stored identification data.